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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO	
10/706,836	11/12/2003	Ted Letavic	US 000076A	6931	
7590 12/14/2004		EXAMINER			
Michael E. Marion			CHAUDHARI, CHANDRA P		
0.0 0.0.0	PS CORPORATION operty Department	ART UNIT	PAPER NUMBER		
P.O. Box 3001 Briarcliff Manor, NY 10510			2813 DATE MAILED: 12/14/2004		

Please find below and/or attached an Office communication concerning this application or proceeding.

					1/2			
		Application	on No.	Applicant(s)				
Office Action Summary		10/706,83	6	LETAVIC ET AL.				
		Examiner		Art Unit				
		. Chandra	Chaudhari	2813				
Period fo	The MAILING DATE of this commun or Reply	nication appears on the	cover sheet with the	correspondence addre	ISS			
A SH THE - Exte after - If the - If NC - Failu Any	ORTENED STATUTORY PERIOD IN MAILING DATE OF THIS COMMUN IN INC. (6) MONTHS from the mailing date of this come period for reply specified above is less than thirty (b) period for reply is specified above, the maximum some to reply within the set or extended period for reply received by the Office later than three months ed patent term adjustment. See 37 CFR 1.704(b).	IICATION. s of 37 CFR 1.136(a). In no every munication. (30) days, a reply within the state statutory period will apply and will by will, by statute, cause the apply	ent, however, may a reply be ti utory minimum of thirty (30) da Il expire SIX (6) MONTHS from ication to become ABANDONE	mely filed ys will be considered timely. In the mailing date of this comm ED (35 U.S.C. § 133).	nunication.			
Status		•						
1)	Responsive to communication(s) fil	ed on						
2a)□								
3)□	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.							
Disposit	ion of Claims	,						
5)□ 6)⊠ 7)□	Claim(s) 12-16 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. Claim(s) is/are allowed. Claim(s) 12-16 is/are rejected. Claim(s) is/are objected to. Claim(s) are subject to restriction and/or election requirement.							
Applicat	ion Papers							
10)⊠	The specification is objected to by the drawing(s) filed on <u>November of Applicant may not request that any objected specific path or declaration is objected to the specific path of the oath or declaration is objected to the specific path of the specific path o</u>	$(2, 2003)$ is/are: a) \square a ection to the drawing(s) by the correction is require	e held in abeyance. Seed if the drawing(s) is of	ee 37 CFR 1.85(a). ojected to. See 37 CFR	1.121(d).			
Priority (under 35 U.S.C. § 119			•				
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 								
2) Notice 3) Infor	ot(s) ce of References Cited (PTO-892) ce of Draftsperson's Patent Drawing Review (mation Disclosure Statement(s) (PTO-1449 o er No(s)/Mail Date <u>11-12-2003</u> .		4) Interview Summar Paper No(s)/Mail D 5) Notice of Informal 6) Other:		52)			

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 12-15 are rejected under 35 U.S.C. 102(b) as being anticipated by Stengl – US 4,672,738.

Stengl (Figs. 1-2 and text in col. 2, line 45 to col. 4, line 47) discloses the claimed invention by constructing a solid state device by forming an active region 2, and terminations 51, 52 which are varying in concentration along the width and depth as shown by openings 11, 12, and 13. At col. 4, lines 9-13, Stengl states an additional doping mask may be used.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claim 16 is rejected under 35 U.S.C. 103(a) as being unpatentable over Stengl.

Stengl is applied as above and does not disclose the parameters of field strength. However, he does state his invention is for high breakdown voltages, and that the doping concentration may be varied.

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It would have been obvious to one of ordinary skill in the art at the time the invention was made to vary the field strength parameters because Stengl teaches to vary the concentrations and the field strength parameters may be optimized based on the breakdown voltage required for the device.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Whight – US 4,573,066, Temple – US 4,648,174, Arthur – US 4,927,772, Robb – US 5,714,396, Kinzer – US 5,940,721, Frisina – US 6,300,171, and Porter – US 6,355,508 describe high breakdown voltage devices.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chandra Chaudhari whose telephone number is 571-272-1688. The examiner can normally be reached on Mon - Fri (9:00-5:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Carl Whitehead Jr. can be reached on 571-272-1702. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Chandra Chaudhari Primary Examiner Art Unit 2813

Chandra Chaudhari December 10, 2004